

§ 42.25–20

46 CFR Ch. I (10–1–03 Edition)

provisions made to suit the length of timber.

(4) All fittings required for securing the lashings shall be of strength corresponding to the length of the lashings.

(d) *Stability.* (1) Provision shall be made for a safe margin of stability at all stages of the voyage, regard being given to additions of weight, such as those due to absorption of water and icing and to losses of weight such as those due to consumption of fuel and stores.

(e) *Protection of crew, access to machinery spaces, etc.* (1) In addition to the requirements of § 42.15–75(e) guardrails or life lines spaced not more than 13 inches apart vertically shall be provided on each side of the deck cargo to a height of at least 39½ inches above the cargo.

(f) *Steering arrangements.* (1) Steering arrangements shall be effectively protected from damage by cargo and, as far as practicable, shall be accessible. Efficient provision, shall be made for steering in the event of a breakdown in the main steering arrangements.

[CGFR 68–60, 33 FR 10067, July 12, 1968, as amended by CGFR 68–126, 34 FR 9016, June 5, 1969]

§ 42.25–20 Computation for freeboard.

(a) The minimum summer freeboards must be computed in accordance with §§ 42.20–5 (a) and (b), 42.20–13, 42.20–15, 42.20–20, 42.20–25, 42.20–30, 42.20–35, 42.20–60, and 42.20–65, except that § 42.20–60 is modified by substituting the percentages in Table 42.25–20(a) for those given in § 42.20–60:

TABLE 42.25–20(A)—PERCENTAGE OF DEDUCTION FOR SUPERSTRUCTURE
[Total Effective Length of Superstructure]

	0	0.1L	0.2L	0.3L	0.4L	0.5L	0.6L	0.7L	0.8L	0.9L	1.0L
Percentage of deduction for all types of superstructure ¹	20	31	42	53	64	70	76	82	88	94	100

¹ Percentages at intermediate lengths of superstructures shall be obtained by linear interpolation.

(b) The winter timber freeboard shall be obtained by adding to the summer timber freeboard one thirty-sixth of the molded summer timber draft.

(c) The winter North Atlantic timber freeboard shall be the same as the winter North Atlantic freeboard prescribed in § 42.20–75(d)(1).

(d) The tropical timber freeboard shall be obtained by deducting from the summer timber freeboard one forty-eighth of the molded summer timber draft.

(e) The fresh water timber freeboard shall be computed in accordance with § 42.20–75(e) (1) or (2) based on the summer timber load waterline.

[CGFR 68–60, 33 FR 10067, July 12, 1968, as amended by CGFR 68–126, 34 FR 9016, June 5, 1969; CGD 79–153, 48 FR 38650, Aug. 25, 1983]

Subpart 42.30—Zones, Areas, and Seasonal Periods

§ 42.30–1 Basis.

(a) The zones and areas in this subpart are, in general, based on the following criteria:

(1) Summer: not more than 10 percent winds of force 8 Beaufort (34 knots) or more.

(2) Tropical: not more than 1 percent winds of force 8 Beaufort (34 knots) or more. Not more than one tropical storm in 10 years in an area of 5° square in any 1 separate calendar month.

(b) In certain special areas, for practical reasons, some degree of relaxation has been found acceptable.

(c) A chart is attached to the International Convention on Load Lines, 1966, which illustrates the zones and areas defined in this Convention and in this subpart.

[CGFR 68–60, 33 FR 10068, July 12, 1968, as amended by CGFR 68–126, 34 FR 9016, June 5, 1969]